## PATENT ABSTRACTS OF JAPAN

(11)Publication number:

05-076056

(43)Date of publication of application: 26.03.1993

(51)Int.CI.

H04Q 1/30

H04Q 3/42 H04Q 11/04

(21)Application number : 03-230669

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(22)Date of filing:

11.09.1991

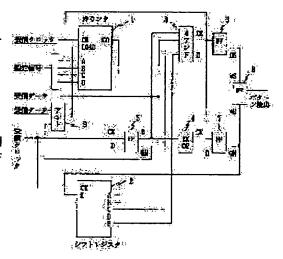
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## (54) CONTINUOUS REPEAT PATTERN DETECTING CIRCUIT

## (57)Abstract:

PURPOSE: To operate the preparation and release of a loop circuit by exactly detecting a continuous repeat pattern signal from a switchboard.

CONSTITUTION: This device is equipped with a counter 1 which sets the pattern of a loop setting and release. shift register 2 sets the first pattern detection pulse by a non-detection, four-input AND circuit 3 detects a pattern coincidence, EX OR circuit 4 detects a pattern anticoincidence, FF 5 latches a counter output, FF 6 sets a pattern for set, FF 7 sets a pattern for reset, and FF 8 transmits a pattern detection signal. At the time of detecting a remote loop preparation pattern and release pattern, the preparation pattern is detected at first, the release pattern is detected only when the preparation pattern is detected, two kinds of shift signals for the loop preparation and release are transmitted, and the first set pattern detection pulse is set by the nondetection so that the detection can be executed only when the pattern signals are continued two times.



## **LEGAL STATUS**

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's

decision of rejection] [Date of extinction of right]

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